

# Carolina Country<sup>®</sup>

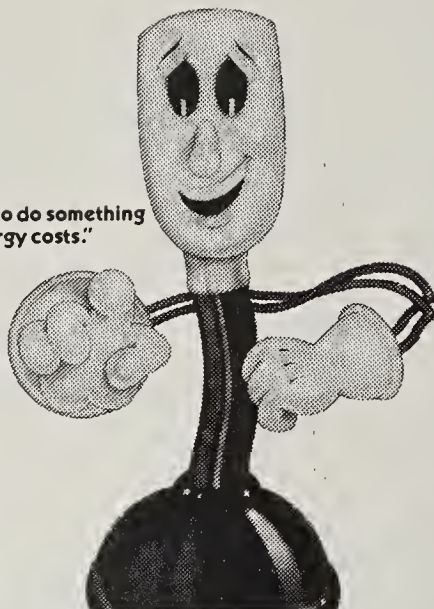
October 1983

C630.5  
C293  
EMCs Seeking Volunteers For  
Statewide Load Control Program  
See Pages 8 & 9





"This is your chance to do something  
about high energy costs."



# Volunteer To Shave.

## Shave The Peak With A Load Management Switch.

As a member and owner of your Electric Membership Corporation, you are being called upon to help in a statewide program to fight the increasing electric rates by shaving peak demands.

The program is called load management, and it's available to those of you with electric water heating and/or central air conditioning.

### What Is The Peak?

The "peak" is the point when you and your neighbors are collectively making the maximum use of electricity for any given period. By lowering this peak, the EMCs can reduce their power costs and help to hold down future rate increases.

We can do this by installing load management

switches on electric water heaters and central air conditioners in EMC members' homes.

The switches turn off these appliances during peak demand periods. When the switch turns off your water heater, it will be off for up to four hours. With most heaters, this should result in little or no loss of hot water. On air conditioners, there would be only a slight heat rise in the home because the unit's compressor would be turned off for only up to ten minutes out of every half hour. The fan continues to run to keep the house reasonably cool.

We appeal to you to "Volunteer to Shave" the peak. It costs you nothing to participate, and it can save you hundreds of dollars in the future.

If you'd like to volunteer,

just send us this coupon. Or call your EMC for more information.

This is your chance to do something about high energy costs.

I wish to be a load management volunteer and hereby request that my EMC install a demand control device on the following:  
(Place an X in appropriate box.)

☐ Electric Water Heater

☐ Central Air Conditioner

I understand this device will be installed by qualified EMC employees or electricians. Please contact me for an installation appointment.

I am served by the \_\_\_\_\_ EMC.

Name \_\_\_\_\_

Address (Where device will be installed) \_\_\_\_\_

City \_\_\_\_\_

Phone Number \_\_\_\_\_

Best time to call \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

We're All In This Together.



Clip out and mail to your EMC.

## Program To Tap Cooperative Spirit

Tar Heel electric cooperatives are now asking their consumer-members to sign up for a statewide load control program that's designed to hold down the co-ops' overall cost of power.

In a sense, this effort by the Electric Membership Corporations is a throwback to the early days of the rural electric program, when the nation's rural people organized themselves into cooperatives in order to get electricity for the first time.

Congress had given them access to plans for extending power lines into the rural areas—if they could demonstrate that enough people in a given locality wanted the service.

If they could show that as many as three families per mile of line wanted electricity, the financing would probably be approved, they were told.

The challenge facing those pioneer co-op organizers, then, was to promote the advantages of electric service among their friends and neighbors—and in the process persuade them to sign up for regular service.

They charged off into the countryside, sign-up forms in hand, call on any and all who might be interested in having "lights" of their own.

At first they found many who were

skeptical about the service or who worried about "getting in debt to the government." Others simply didn't have the \$5 membership fee that was required.

One co-op organizer who was quoted in a recent history of that period said the fee was a major obstacle. "It was hard to get hold of \$5 because \$5 looked as big as a tabletop in 1939," he said, pointing out that he sometimes had to take \$3 in cash and a note for the other \$2.

Despite the obstacles, the organizers eventually met their quotas, establishing the member-owned cooperatives as self-help organizations that would open the way for the mainstream development of rural America.

EMC officials, many of whom played active roles in those initial sign-up efforts four decades ago, are now urging co-op member-owners to sign up for load control switches as a means of holding down the co-ops' rising cost of power through the 1980s and beyond.

Using computer technology, the program will monitor systemwide power use. As a peak in demand approaches, the equipment will send signals to those switches, turning off water heaters and air conditioners for brief periods. Once the peak crisis eases, the appliances would resume

normal operation.

By shaving those peaks, the EMCs can cut power costs substantially because on-peak energy is the most expensive they ever use, flowing as it does from the oldest and least efficient generating plants and often using the most costly fuels.

In addition, by shaving peaks, the capacity of present generating facilities can be stretched further than would otherwise be possible, effectively postponing the day when high-priced new generating facilities must be built.

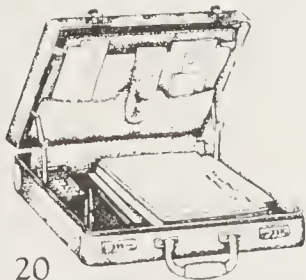
The load control program, with its high-tech sophistication, seems light years removed from the simple wooden poles and distribution lines that went up along Tar Heel country lanes in the 1930s. And, the task of signing up load management volunteers has been passed along to co-op personnel—who'll be collecting no fees at all.

Still, the new program is clearly linked with the old in that both grew out of the same self-help philosophy and spirit of cooperation.

By accepting your EMC's invitation to be part of the load control effort, you can do something concrete about holding down the co-op's power costs while demonstrating your own spirit of cooperation.

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## Charting A Path To Avoid Energy Shortfall

*This editorial was written by Dick Easton, general manager of the Colorado statewide organization of rural electric cooperatives. It originally appeared in that organization's monthly magazine Colorado Country Life.*

In his book *Megatrends*, author John Naisbitt talks about our "Baskin-Robbins society," where almost everything comes in 31 flavors—or more.

He asks if the reader can remember when bathtubs were white, telephones black, and checks green?

The fact is that in most respects our society is very diverse and our options are many.

Exception: energy. Sure, there are some alternatives, but the list is not long and not each can be expected to

meet the broad range of requirements all of us demand.

Current official estimates are that demand for electricity in the future is likely to grow about three percent per year—in lock step with Gross National Product (now running higher than three percent). One reason for growth in demand for electricity, the latest government study says, is that its price has risen far more slowly than the prices for oil and gas.

I worry that the growth estimates are too low, price advantage being one reason. But there are other reasons.

Robert E. Kirby, chairman of Westinghouse Electric Corporation, wrote recently that electricity is absolutely essential in our battle to

restore our industrial preeminence the world.

The factory of tomorrow will be a maze of automatic machine tools, robots, parts handlers, conveyors and computer control systems—all powered by electricity.

The same is true of the office of the future. This is the decade of office automation, and that means a flood of electrically-powered word processing equipment, personal computers, data terminals and advanced communications systems.

Today, the rural electric cooperatives have ample generating capacity. Tomorrow?

If the Naisbitt Group is right, the electric utility industry may find itself scrambling to catch up. If it happens and shortages occur, it will be costly indeed.

Another recent study, this one by the Electric Power Research Institute, found that shortage of a nickel's worth of electricity costs a business about two bucks in lost production, unrecovered overhead, damaged customer relations and general inconvenience.

There is plenty of room for improvement in America's electric utility systems. Upgrading of plant components, improved operating procedures, load management and technological advances will help.

But ultimately, utilities must choose the right path. Wherever our electric utilities are going, the rest of us must follow.

## Hospice Aid: Helping Make Bleak Days A Bit Brighter

The hospice movement, which originated in England, began in this country in 1967. Since that time, more than 1,200 hospice units have been established, serving as a haven for terminally ill patients.

Hospice's goal is to make the final months of life as comfortable and compassionate as possible for the patient and his troubled family.

Hospice provides no miraculous cures; instead it offers medical and psychological treatment which is rendered in a patient's home or in hospices, including some units in hospitals. About three-fourths of those served by hospice die at home, which is said to be the preference of most terminally ill patients.

The hospice movement has become so widespread (there is one in Greensboro) and has earned such a favorable response that Congress decided hospices should be given a

helping hand by Medicare.

Beginning Nov. 1, Medicare will pay up to \$6,500 of an elderly patient's hospice expenses. The Reagan administration wanted Medicare to pay only \$4,332. Fortunately, Congress recognized the worthiness of the program and increased the payment's amount.

Even the \$6,500 limit, however, is well beneath the cost of a hospice patient, says the National Hospice Organization. The average expense for a hospice patient is between \$335 to \$409 a day. Medicare will cover only \$271 a day.

But the federal government's action is a welcomed start. For the 250,000 terminally ill patients who will be served by the hospice program this year, the news should make bleak days a little brighter.

—Greensboro Daily News



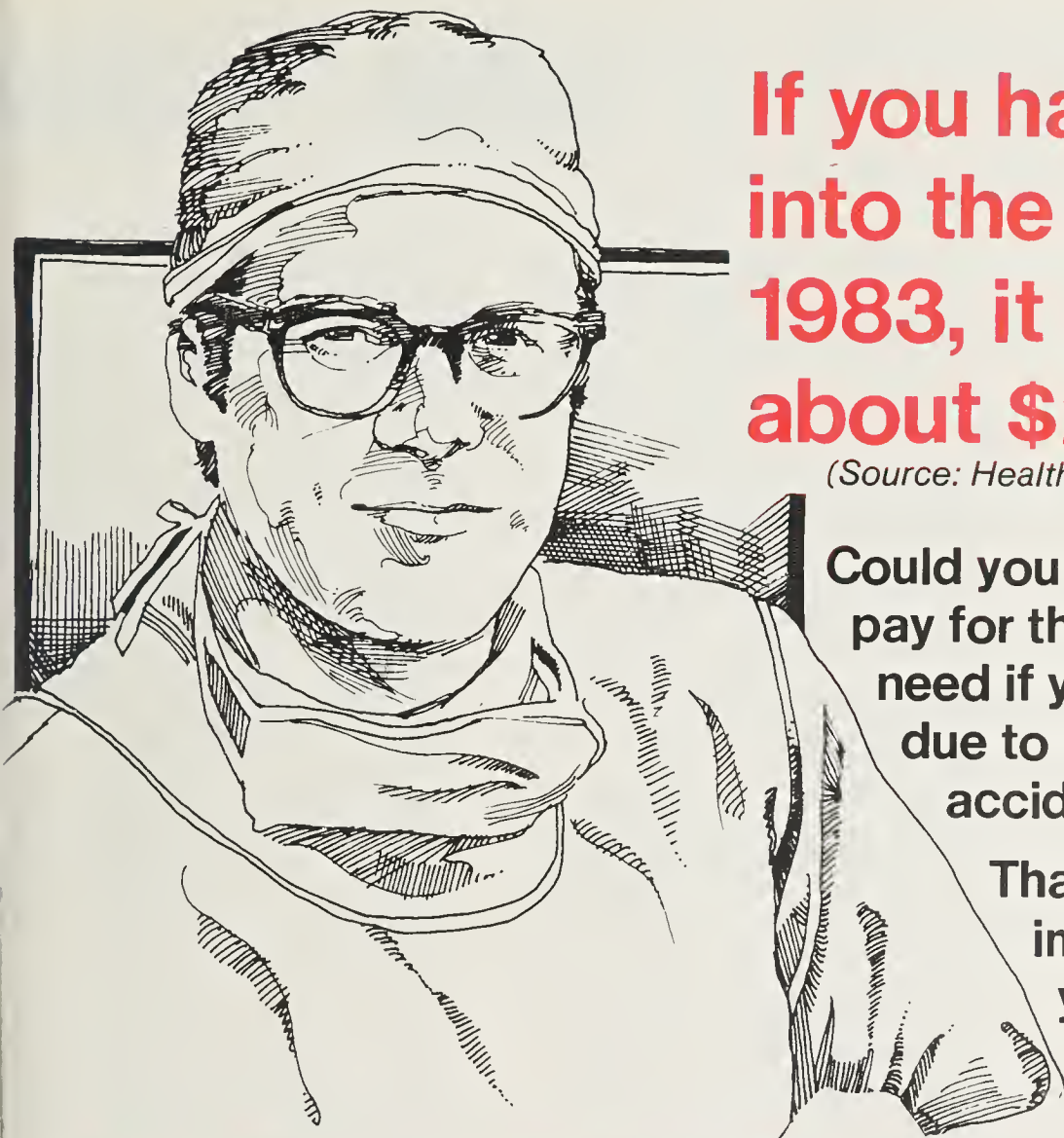
### GOSPEL PIANIST AND ORGANISTS

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<p>[1] GOSPEL MUSIC Shows how to play melodies in right hand, chords with left. Play rhythm bass, fills, runs, "cross hands" style, "walking" basses, melodies in 3rds, 6ths. \$6.95 + 60¢. Also Cassettes \$6.95 each.</p>	<p>[2] HYMNS BY EAR Shows how to play and CHORD any hymn you've ever heard—entirely by ear. How to find the right starting note, add chords, play in easy keys. \$6.95 + 60¢. Also Cassettes \$6.95 each.</p>
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(Source: Health Insurance Institute)

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NC-10 _____ Month/Day/Year _____ Month, Day, Year _____		

Insurance Company, "Guarantee Trust Life Insurance Company" is independent and not affiliated with Rural Electric Cooperatives in this state. It is licensed in this state



## Ag Hall Of Fame Taps Earl Garrett

The late Earl Baxter Garrett of Raleigh, who was the first State Conservationist of the U.S. Soil Conservation Service in North Carolina, has been enshrined in the North Carolina Agriculture Hall of Fame.

An Alamance County native and graduate of North Carolina State College, Garrett was responsible for organizing and training the first employees of the Soil Conservation Service in his native state. He worked closely with another Hall of Fame honoree, Dr. Hugh Hammond Bennett of Anson County, who is credited with persuading Congress to establish the Soil Erosion Service, which soon became the SCS.

Between his retirement from federal service in 1959 and his death in 1982, Garrett served as a supervisor of the Wake County Soil and Water Conservation District. He was nominated for the Hall of Fame by the Wake District.

Only one person can be selected for the Agricultural Hall of Fame each year, and many years pass with no one selected for the posthumous honor.

More than 300 people attended the ceremony recognizing Garrett, which was held in the Hall of the House of Representatives in the State Capitol. Speakers for the occasion included two North Carolina Governors who worked with Garrett, Robert W. Scott and James B. Hunt, Jr.

## Mistletoe Show Set In Elizabeth City

About 70 crafts booths will be featured during the Sixth Annual Mistletoe Show scheduled for Nov. 11-13 at the Knobbs Creek Recreation Center in Elizabeth City.

Santa Claus will make a special appearance during the show on Saturday from 3 to 6 p.m.

The show will be open from 10 a.m. to 9 p.m. on Nov. 11; from 10 a.m. to 8 p.m. on Nov. 12 and from 1 to 5 p.m. on Nov. 13.

Tickets are priced at \$1.50 for adults and \$.75 for children under 12.

The show is sponsored by the Elizabeth City Junior Woman's Club.

For more information, call Catherine Perry at (919)-338-6166 or (919)-335-1739.

## Three EMCs Elect Ten Directors

Ten members of the Boards of Directors of three North Carolina Electric Membership Corporations have been elected for new terms of office during recent EMC annual meetings:

● **Roanoke EMC**, Rich Square — Re-elected were Carlton Garner of Rt. 2, Roanoke Rapids; James Farrow of Rt. 1, Eure and Henry Bennett of Rt. 1, Rich Square.

● **Pee Dee EMC**, Wadesboro — Re-elected were Ted Hargett of Rt. 1, Marshville; H. M. Royals of

Wadesboro; Charles Smith of Laurel Hill and Joe Pryor of Marshville.

● **Haywood EMC**, Waynesville — Re-elected were David Edwards of Rt. 3, Waynesville and Emmitt Wood of Scaly Mountain. Elected to his first full term of office was John Charles Duckett, who was appointed earlier this year to a seat left vacant by the resignation of John Robert Ferguson of Rt. 3, Clyde.

## EMC Staffer Gets International Post

Barbara Deverick, administrative manager at Blue Ridge Electric Membership Corporation, Lenoir, has been named to the U.S. Overseas Cooperative Development Committee headquartered in Washington.

She represents the National Rural Electric Cooperative Association on the committee, which provides support for overseas cooperative development.

Mrs. Deverick, who is vice-chairman of the board of the

## Home Folks

**Banks Talley**, vice-chancellor for student affairs at N.C. State University, has taken a leave-of-absence from that post to become executive vice-president of the National Trust for Historic Preservation . . . . . N.C. Agriculture Commissioner **James A. Graham** has been honored by the N.C. Poultry Federation for his "outstanding positive voice" in support of the poultry industry. Also honored by the federation was **Dr. Robert Cook**, head of the NCSU Poultry Science Department, who was cited for his work in poultry science and technology. Both Graham and Cook received the organization's Distinguished Service Award . . . . . **Dr. William H. Johnson**, a project leader for NCSU's tobacco processing research since 1961, has been named assistant director of the NCSU Agricultural Research Service. The Cumberland County native, who was part of the team that developed bulk curing, succeeded **Dr. Thurston J. Mann**, who retired after 34 years at NCSU . . . . . **Frank Boyette**, of Red Springs, vice-president for farm management services for Southern National Bank, Lumberton, has been presented with the N.C. Association of County Agricultural Agents' 1983 Outstanding Service to Agriculture Award. . . . . **Dr. H. B. Craig**, associate director of academic affairs for the N.C. State University School of Agriculture and Life Sciences and director of the NCSU Agricultural Institute, has been elected president of the National Association of Colleges and Teachers of Agriculture.



Cooperative League of the USA, also serves on the central committee of the International Cooperative Alliance, whose headquarters are in Geneva, Switzerland.

## Reprint An Account Of Famous Trial

A Florida publishing company is now offering a reprint of a manuscript titled *The Trial of Sir Walter Raleigh*, which is billed as a "word for word" account of the famous 1603 trial.

The 20-page manuscript, which was originally published in around 1700, is available for \$5 plus \$10 or postage and handling, from DKS Publishing Co., P.O. Box 2347, Vero Beach, Fla. 32960.

## State's Prehistory Examined In Book

Both amateur and professional archaeologists will find useful information in a new book on North Carolina's prehistory that's just been published by the N.C. Department of Cultural Resources.

The 206-page softcover book, titled *The Prehistory of North Carolina: An Archaeological Symposium*, covers a period of more than 12,000 years and features 50 maps, charts and photographs of site excavations and artifacts.

It's an expanded version of four essays by prominent archaeologists which were presented at a symposium in March, 1980.

The volume was edited by Mark Mathis, staff archaeologist with

the Archaeology Branch and Jeffrey J. Crow, administrator of the Historical Publications Section.

Copies are available for \$6 each, plus \$1 for postage and handling for the first copy and 25 cents postage for additional copies. Order them from the Archaeology Branch, Department of Cultural Resources, 109 E. Jones St., Raleigh, N.C. 27611.

## Late EMC Director Is Cited By Board

The Board of Directors of Edgecombe-Martin County Electric Membership Corporation, Tarboro, has adopted a resolution citing the late Henry M. Britt Jr. of Rt. 4, Tarboro for his service on the EMC's board.

Britt, who died in July, had served on the board for nine years, including two terms as president.

The resolution paid tribute to Britt for his "invaluable service" to the cooperative.

## Agribusiness Awards Presented By Council

Two major tobacco companies, the N.C. Department of Agriculture and a Clinton businessman have been honored by the North Carolina Agribusiness Council.

The leaf companies, R. J. Reynolds Tobacco Co. and Philip Morris Tobacco Co., were cited in the council's processing/marketing award category for their contributions to the tobacco industry and the state's overall farm economy.

The Department of Agriculture was cited in the service and supply category for its Use North Carolina Agriculture Products (UNCAP) program, which was launched in 1977.

The council's production award went to William H. Prestage of Clinton, formerly a co-owner of Carroll's Foods. He was cited for his contributions to the turkey, broiler and pork industries.



## MILL OUTLET

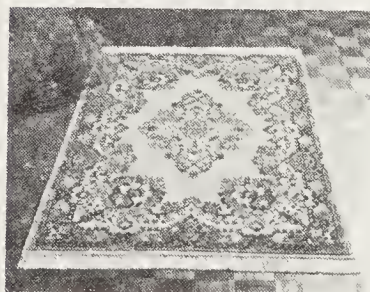
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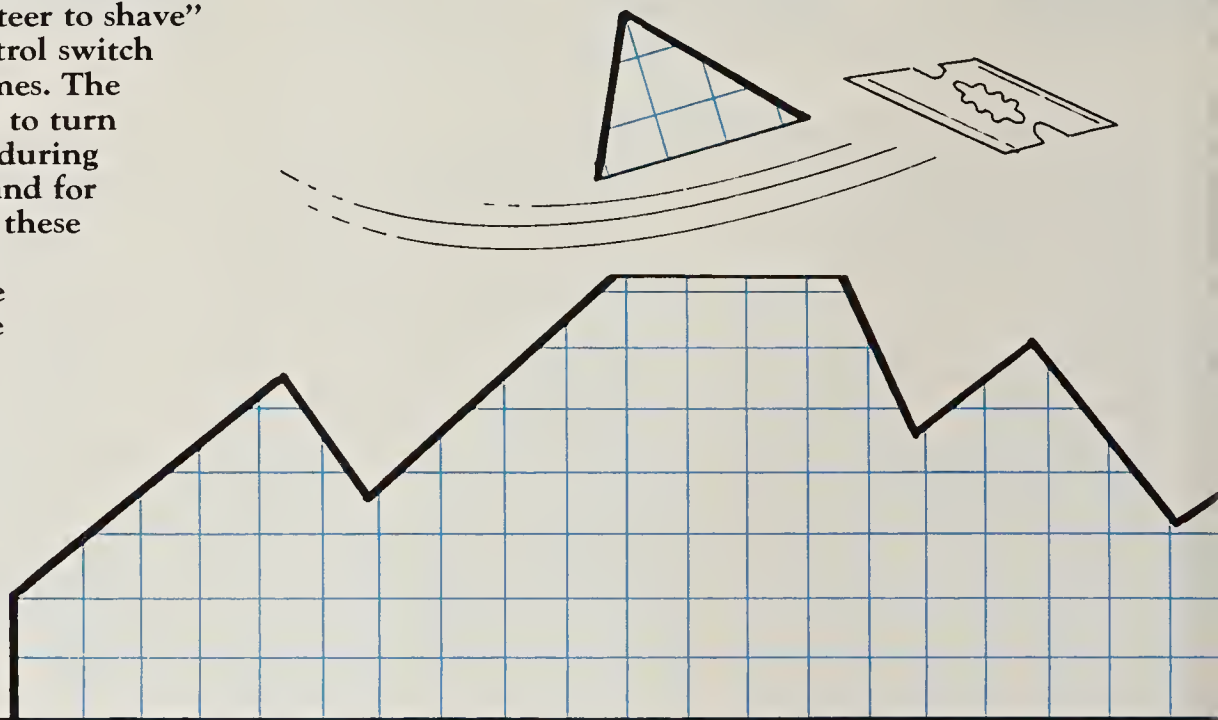
Take 220 South to Biscoe, NC. Turn right on Hwy 27. We are 7 1/4 miles on the right.

## over: Randolph County Bridge

This photo of an old covered bridge in rural Randolph County was made by Sam Nash Long Jr., a freelance photographer from Elizabeth City.

North Carolina EMCs are asking consumers to "volunteer to shave" by having a load control switch installed in their homes. The switches will be used to turn off major appliances during periods of peak demand for power. By "shaving" these peaks, the statewide program can help the EMCs hold down the cost of power.

Simulated Electric Load Curve



## EMCs Seeking Volunteers For Statewide Load Control Program

North Carolina's Electric Membership Corporations are now calling on their consumer-members to participate in a voluntary statewide load management program that's designed to help the cooperatives hold down the rising cost of power.

The program will aim at reducing the co-ops' power use peaks, which occur regularly for short periods as consumers push the power suppliers' facilities to the limits of their capacity.

To accomplish this, the EMCs will equip the homes of volunteers with computer-controlled devices that will turn off water heaters, central air conditioners and heat pumps for brief periods when peaks are approaching.

By controlling the load in this way, the co-ops can reduce their power costs because "peaking" power carries a premium price tag, according to John Kutter, manager of power supply for North Carolina EMC, the power supply arm of the EMCs' statewide organization.

The premium is required by the power companies which provide

energy to the EMCs because the utilities must invest in expensive facilities that are used only rarely.

"Also, when they're operating at capacity, the companies may have to buy supplemental power from other companies in order to handle their peaks—and that's generally the most expensive power we ever use."

The companies pass a portion of these costs along to the cooperatives in the form of special "demand" charges which are based on an EMC's highest peak demand for power in a specified period—either monthly or yearly.

"So, any way you look at it, high peaks ultimately mean higher power costs for the co-ops," Kutter said.

"If we can trim those peaks, we can in effect stretch the existing capacity further and avoid the routine use of that most expensive power. At the same time, this effort will delay the need for additional capacity in the form of costly new generating plants."

The \$27 million program, which is being coordinated by N.C. EMC, envisions installation of control

switches on 150,000 water heaters (of at least 40-gallon capacity) and 45,000 central air conditioners (or heat pumps) over a three-year period.

Plans call for the first switches to be installed beginning in January, 1984.

Kutter said extensive feasibility studies on the program show that the savings to be realized from it will offset its cost within the first five years of operation.

Once the control equipment is operating, computers will monitor power use and begin the controlling process as soon as a peak approaches. The process will involve radio signals beamed at the switches in consumer homes to turn off appliances for brief periods on a rotating basis until the overall demand for power drops off.

Air conditioners will be turned off for up to 10 minutes each half hour during these crises, but the fans will continue to circulate air. Tests show that this will bring no significant change in the home's comfort level.

Water heaters will be turned off for up to two hours since hot water stays hot for long periods without reheating.



"This approach is a proven money-saver," said Kutter. "It's been proven to work well for utilities all over the country. And right here in North Carolina, three cooperatives have already had success with the technique."

Those co-ops are Lumbee River EMC, Red Springs; Four County EMC, Burgaw and Wake EMC, Wake Forest.

Lumbee, which was one of the first utilities in the country to adopt a control program of this type six years ago, has saved millions of dollars through load management.

Meanwhile, Four County EMC has cut its power costs by about \$1.7 million in its first two and a half years of operations and Wake EMC has seen its power costs drop by \$107,000 after just 14 months.

Kutter said these EMCs' control systems will remain intact but will be acquired by N.C. EMC as part of the statewide network.

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## Want More Details?

Want more information about how you can volunteer for the EMCs' load management program?

Just call or write your EMC headquarters office, or fill out and return the coupon in the ad that appears on Page 2 of this magazine.

Meanwhile, the EMCs across the state would welcome an opportunity to appear before your civic or fraternal organization to discuss plans for this new program in detail.

The presentation can take the form of a slide show with remarks or simply a brief explanation, depending on the time available.

Call or write your local EMC to arrange for such a presentation.

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At the outset, he added, as consumers are connected to the network and equipment is installed at the local EMCs, each co-op will be able to begin controlling loads immediately.

Later, when a central computer monitoring system is installed at the N.C. EMC headquarters in Raleigh, signals will originate there to control statewide peaks. However, each EMC will retain the capability of operating independently as the need arises.

## Program's Success Will Depend On Consumers' "Spirit of Cooperation"

The success of the North Carolina Electric Membership Corporations' plans for a statewide load management program will depend largely on the "spirit of cooperation" among the state's co-op consumer-members.

"This will be totally a volunteer effort on the part of the EMC consumer-members, who'll get no significant direct benefit from it. That's why we're appealing to their spirit of cooperation in recruiting participants," said John Kutter, manager of power supply.

The volunteers must agree to have an electronic switch installed in their home to turn off water heaters, air conditioners or heat pumps during periods of peak demand for power, he added.

"Participating in the program will cost them nothing and it'll give them a chance to do something concrete about high energy costs.

"But they won't see their power bills reduced because even when the equipment is controlling, their total power usage will probably be unchanged. They'll just shift their usage to other times of the day."

However, the volunteers will eventually benefit along with all of the EMC's member-owners as the program helps to slow down the spiraling increases in the co-op's overall cost of power.

In an effort to appeal to the consumers' "spirit of cooperation," the EMCs are launching a statewide promotional campaign to recruit load management volunteers.

The campaign features the theme, "Volunteer to Shave," referring to the concept that the volunteers can help "shave" off some of those costly power use peaks.

It is slated to include newspaper ads, radio spots, billboards, brochures and other materials. Many of the materials are also to be distributed at an exhibit at the N.C. State Fair, Oct. 14-22.

"This is a relatively modest campaign, but we are trying to be highly visible with this appeal right now. It's important that we get these volunteers signed up for the program as quickly as possible," Kutter said.

"When we get started on controlling operations, the more switches we have in place, the greater the impact we can have on the co-ops' cost of power."

## A Guide To Load Control Jargon

To help you better understand some of the terms associated with the EMCs' statewide load management program, here's a guide to some of the terms used in describing how it works:

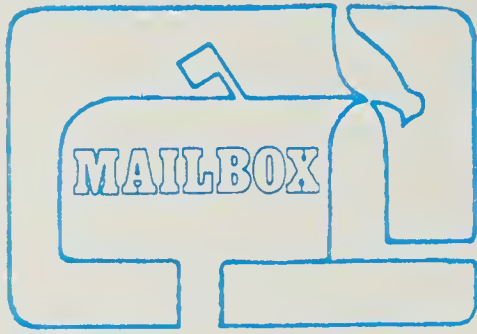
- **Peak**—A peak occurs when the flow of electricity from generators to consumers reaches a high point for a given period. For example, power use patterns have daily, monthly and yearly peaks. By "shaving" those peaks, the co-ops can avoid using the most expensive "peaking" sources and fuels, and ultimately postpone the time when additional facilities would need to be built to handle those peaks.

- **Electric Demand**—This refers to the total amount of electricity flowing to all consumers at a given moment. As switches are flipped across a co-op's service area, they can't be treated as "requests" for power. They're **demands** that must be honored. When those demands pile up, they bring those peaks that may need to be controlled.

- **Electric Load**—This refers to the total amount of electricity required by a co-op's consumers. When the demand for power is high, the power supply system has a heavy **load**.

- **Capacity**—This refers to a power supplier's ultimate capability to supply power. If the system's peak demand for power arises above the supplier's available capacity, supplemental power must be bought from other companies until the demand drops off.





### Caution On Power Line Danger "Is So True"

My son, who works as an announcer for WPTF, Raleigh, sent me a copy of your most excellent publication. I found the articles most interesting and informative.

Your caution on Page 5 of the June issue (ad warning that TV and CB antennas can be deadly if they come in contact with overhead power lines) is so true.

I am a retired radio and TV engineer, having retired from WDBJ-TV, Roanoke, Va., in 1978. Before I retired, one of our copy girls had the misfortune to lose her husband in the exact manner your ad tells of. He was helping a neighbor erect an antenna and it struck the electric wires. You know the rest.

Please put me on your mailing list for your fine publication. Enclosed is check for one-year's subscription.

J.E. Newman  
Edgewater, Fla.

### Water-Source Heat Pumps: "A Great Waste" Of Water?

We have a real problem with your article on "Water Source Heat Pump" in your August issue. We believe it is very short-sighted as it would result in a great waste of a soon-to-be-precious natural resource, water.

We had planned to install a water source heat pump in our new home. But, when we figured that we had the capacity to waste over four million gallons of water per year, we decided to use the air source system.

We see several working water source systems in our area. The individuals are saving electricity but isn't it at the expense of the community's underground water table? The fresh water is being drawn from the wells and being dumped

into a salt water canal. If all 227 homes in the community used the same system, we could pump over a billion gallons of fresh well water into the sea each year. We believe this is a waste and it would soon seriously affect the water tables.

We are interested to see if an environmental agency has accomplished an impact study on the use of water source heat pumps and agrees with you in promoting their use in Eastern North Carolina.

J. D. Johnson  
Pine Knoll Shores

*The N.C. Department of Natural Resources and Community Development has studied the effects of running-off water from water-source heat pumps as waste water and has determined that the practice should have no ill effects on the underground water table.*

*Although the recommended practice is to drill a second well to handle the discharge, state regulations do not require it. The state has even made it easy for homeowners to merely discharge the water onto the ground.*

*"This is the one situation we allow people to discharge water without a discharge permit," said Jim Sheppard, a spokesman for the department.*

*However, he said, the department requires homeowners to obtain a permit before they are allowed to dig a discharge well. The permit must be obtained from the agency's Ground Water Section of the Division of Environmental Management.*

### Kudzu Poem's Layout Leaves The Poet "Very Pleased"

Thank you very much for the extra copies of *Carolina Country*, and especially for the "Ballad of Henry Lee" layout. I was very pleased with the way you handled it.

Al King  
Rt. 5, Rutherfordton  
Mr. King wrote "The Ballad of Henry Lee."

### Wildlife Letters: "Most Interesting"

It has been most interesting to read *Carolina Country*, especially for the past year. For one never knows what kind of letters await in the "Mailbox."

I have read:

Of trapping: It's "cruel, disgusting" by another wildlife user group, who mentions nothing of how the foxhounds chase the vixen from the den. In a lot of cases, this comes when there are maybe three to five fox pups in the den, left to fend for themselves, because the vixen does not always return!

Of how the hunter is not banned from the supermarket, neither is the non-hunter for I'm sure most of us have eaten wild grapes, berries, etc. which is no more than bringing home a nice deer to eat or to sell a raccoon pelt to help pay the electric bill.

Of how vinyl and fake fur are cheaper, and better substitutes for leather and fur. Well, they may be cheaper but not better! How most Americans are against hunting. Hardly! Because most Americans know the true benefits of hunting and trapping. If not, I doubt I would be getting my traps ready for the upcoming season.

How setting foothold traps near water causes further agony. From the time the trap is tripped to death is but a split second in time compared to weeks of weakness due to starvation or loss of fur due to mange, and how animals fight each other to the death due to loss of habitat.

I trap and others hunt knowing that for every animal we take, at least two more will live because of it. So we can watch the abundance of wildlife this country has to offer, and we can thank the hunters for that.

In the newspaper, I read an article about an epidemic of rabies spreading into North Carolina from skunks and foxes in east Tennessee to Watauga and Ashe Counties, causing an increase in rabies among wildlife. In North Carolina, hunters and trappers can help control this dread disease. So, the next time you condemn a hunter or trapper, you might instead want to shake his hand.

As for the millions of dollars in wildlife protection organizations spend, I expect very little goes to the benefit of wildlife.

Marco Gibbs  
Director, District I  
N.C. Trappers Association  
Engelhardt



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Sizes Available	40 x 48 x 12	\$ 4,965
Limited Quantities	70 x 75 x 14	\$11,348

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# New Electronic Pain Killer...

**relieves backache, headache,  
even pain of tennis elbow,  
arthritis & bursitis!**

Tested by doctors, INFRALUX™ is handheld and portable. Its infrared heat relieves pain without medication! Try it **FREE** for 30 days!

Say goodbye to pain. No matter the type you suffer from — headaches, tennis elbow, arthritis, bursitis, sinusitis, backache, neuralgia, muscular pains, sprains, or any musculoskeletal condition — here is a quick easy answer. Put INFRALUX next to the pain and within minutes, you can get on with work or play.

## SOOTHING PAIN RELIEF. BUT WHY INFRARED HEAT?

There is nothing new about infrared heat. Doctors and therapists have used and recommended it for years in pain treatment. But until now, there hasn't been a compact, easy-to-use unit.



*INFRALUX is easy to carry too in its handsome vinyl bag. No bigger than a small flashlight (six inches long). Plugs in any 110V outlet.*

Why infrared? With ordinary methods such as heating pads and hot water bottles, much of the heat is dissipated on the skin's surface. There's no lasting effect.

But with infrared heat, the treatment goes down d-e-e-p where you need it. In fact, INFRALUX's shortwave, visible infrared heat will penetrate up to 10mm of skin tissue to reach irritated nerve endings. Your INFRALUX seeks, finds and soothes!

## ELIMINATE UNNECESSARY MEDICATION

In fact, William J. Shriber, MD notes in his

### RECOMMENDED BY DOCTORS

### FROM ACTUAL DOCTORS' REPORTS ON INFRALUX:

*"I have used the unit in my practice for six months and I find it relieves pain and muscle spasms, stiff shoulders and elbows from bursitis and tendonitis. Patients suffering from arthritis use the Infralux in the morning and get excellent results."*

J.L.G., MD

*"On patients with a variety of musculoskeletal painful conditions, Infralux was demonstrated to be effective in relieving pain."*

V.S., MD



respected "Manual of Electro Therapy" **THAT MILD INFRARED RADIATION MIGHT BE THE ONLY WAY TO RELIEVE PAIN WITHOUT THE USE OF MEDICATION.**

Why take medication when it isn't needed? INFRALUX is the most natural route to pain relief.

## HOW THE INFRALUX WORKS

All you do is hold the INFRALUX unit next to where you hurt. It even works thru clothing! Within moments, you'll sense comforting, soothing heat.

INFRALUX heat goes to where the pain is — to blood vessels, nerve endings, and other subcutaneous tissue.

## USE AS OFTEN AS NEEDED.

Unlike drugs and medication, INFRALUX can be used as often as needed. It's made to help you day and night, at home or at work. And be sure to pack it for out-of-town trips. You can enjoy soothing relief wherever, and whenever.

## TRY IT FOR YOURSELF

The minute your INFRALUX arrives in the mail, give it a good try. Put it to the test on that nagging backache, that stiff neck, those arthritic pains that hit so suddenly. If, after a month, you're not astounded at how much better you feel, return it for a full refund.

## HERE'S HOW TO ORDER

INFRALUX is only **\$39.95** (plus \$2.85 shipping and handling). To order, simply send your check to Baystar at the address below. Credit card holders can speed their delivery by using our toll-free number. (Maryland residents add 5% tax.)

## CALL TOLL FREE:

Monday thru Friday 9am-5pm Eastern Time

**800-638-6170**

All other times call **800-257-7850**

Maryland residents call 363-4304

Be ready the next time pain interrupts your schedule. Order an INFRALUX today!

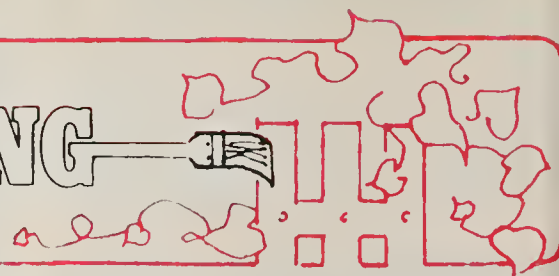
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# DO YOUR OWN THING



## TINY TOTS

Here's a birthday party that's as big as life. And these soft, washable tots will stay young forever.

This 17-page guidebook contains step-by-step directions, diagrams, complete materials lists, and traceable patterns for a variety of life-size soft sculpture dolls.

The arms and legs are moveable so you can position them however you wish.

The guidebook also includes helpful hints on fabric selection, stuffing tools, attaching arms and legs, and cleaning your doll.

To obtain TINY TOTS, #G470, send \$5.25.

For additional soft sculpture projects, send for PUFFY PEOPLE, #M801, \$3.25 or SOFT SCULPTURE FOR ALL SEASONS, #GM42, \$4.25.

Both books contain instructions for a variety of soft sculpture characters and decorative items.

All prices include first class postage and handling.

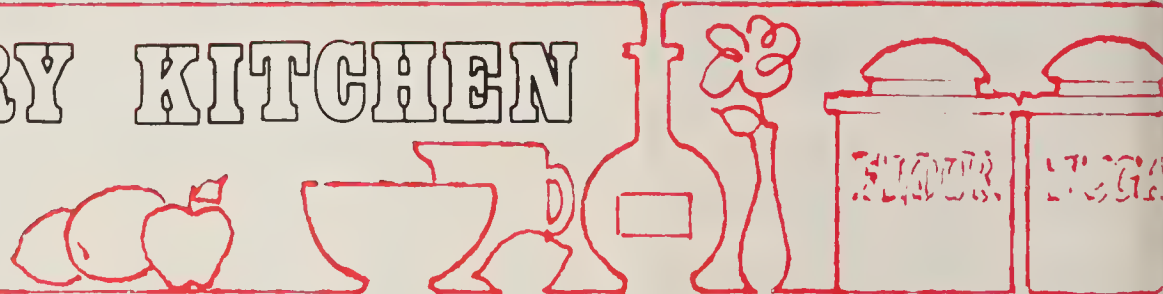
If you enjoy a variety of handicrafts, you might like our HANDICRAFT GRAB BAG, #C18 (six different guidebooks — not including soft sculpture), \$9.50.

Also available is our 112-page catalog PATTERNS FOR BETTER LIVING picturing over 700 woodworking and handicraft projects, \$1.95.

Print your address and send check to **Tom Niekarz**, c/o **Carolina Country**, P.O. Box 2383, Van Nuys, CA 91409.



## COUNTRY KITCHEN



### Want To Share Your Recipes?

If you would like to share a recipe with this column, send it to: **CAROLINA COUNTRY**, P.O. Box 27306, Raleigh, NC 27611.

We pay \$5 for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

### Oriental Casserole

Submitted by Edna Beaman of Farmville

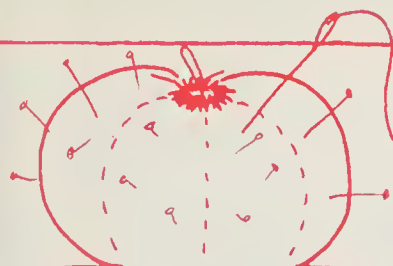
1 lb. ground beef  
1 medium onion, minced  
1 medium bell pepper, minced

1 small head cabbage, shredded  
2 cans tomato soup

Brown hamburger with onions and green pepper. Shred or chop cabbage. Place in casserole dish in layers. Layer of raw cabbage, layer of hamburger mix, cabbage; hamburger. Pour 2 cans tomato soup over top. Bake 350 for 1 hour. Approximately 6-8 servings.

(Optional) Spread grated cheese on top or creamed potatoes, the last 10 minutes of baking time.





# PINS · N · NEEDLES



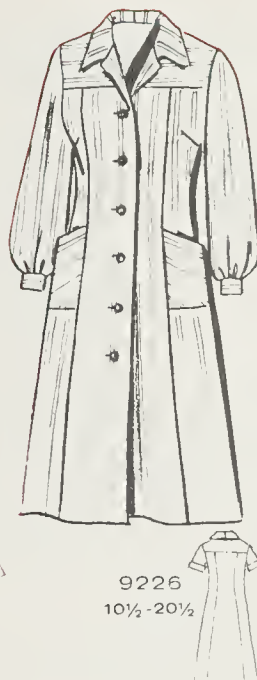
4848  
8-20



9009  
8-18



4861 34-48



9226  
10½-20½



792  
DOLL  
25"

756

697

Pattern No. 4848 is cut in Misses Sizes 8, 10, 12, 14, 16, 18 and 20.  
Pattern No. 9009 is cut in Misses Sizes 8, 10, 12, 14, 16 and 18.  
Pattern No. 4861 is cut in Women's Sizes 34, 36, 38, 40, 42, 44, 46 and 48.  
Pattern No. 9226 is cut in Half Sizes 10½, 12½, 14½, 16½, 18½ and 20½.  
Pattern No. 756 are pattern pieces for 3 different mice trims.  
Pattern No. 792 is tissue pattern for doll about 25" and outfit.  
Pattern No. 697 is a 72 x 102" quilt of the flowers-of-each-month  
Send \$2.25 in cash (no stamps) for each pattern to: CAROLINA COUNTRY, Reader Mail, Box 42, Old Chelsea Station, N.Y., N.Y. 10113. Add 50¢ for postage and handling.  
Be sure to include your full address, zip code and pattern number and size.

## U-BUILD PROJECTS



to build it, step-by-step. Just trace the pattern parts onto wood, saw out and assemble. It's easy and runs a fraction of what a manufactured jogger would cost.

To obtain the full-size JOGGER Pattern #474, send \$3.75. Also available is a group of five physical fitness patterns including a slantboard, exercisers and rowing cycle as well as the #474. #C41 PHYSICAL FITNESS Packet is \$6.50. Pattern prices include first class postage and handling.

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## Jogger Will Let You Exercise In Any Weather

The great outdoors is the best place to jog, but it takes real will power to get around the block when the temperature is too hot or too cold.

With this jogger, you can exercise in the privacy of your home.

A full-size pattern shows you how



# ANNOUNCING

## THE NEW

## GROUP HOSPITAL PLAN

THAT GUARANTEES YOU

**\$1,500.00**  
A MONTH

**\$350.00**  
A WEEK

**\$50.00**  
A DAY

**Hospital Cash Benefits from the very FIRST DAY for covered SICKNESS! ACCIDENTS!**

Pays 50%  
**Increased Benefits for  
CANCER!  
HEART ATTACK!**

- *Pays full cash benefits at any age, even after 65*
- *Guarantees that you can't be turned down*
- *Just \$1.00 pays for your first month. Then you renew at low group rates*
- *No salesman will call*

Plus . . . up to  
**\$10,000 Cash Benefits for  
ACCIDENTAL DEATH  
or DISMEMBERMENT**

### Why you need this RE Group Hospital Plan

- Hospital costs continue to climb at an alarming rate. The American Hospital Association reports the average cost per hospital stay is well over \$1,900.00
- Basic group and major medical policies pay only 80% or less of your bill, and as Medicare deductibles increase, so does your share of the bill.
- You may be forced to dip into your savings—or worse, have to look for help in paying your share of the bill.

That's why the cash benefits you collect from the RE Group Hospital Plan can mean the difference between getting through a financial crisis or having to look elsewhere for help.

### Here's how your RE Group Hospital Plan helps you beat the rising cost of hospital care:

**Pays you \$1,500.00 a month—\$350.00 a week—\$50.00 a day cash!** You'll collect these cash benefits whenever you are hospitalized for covered sickness or accidents. In fact, you'll collect when your doctor places you in the hospital for any reason—even a simple checkup.

**Pays you \$2,250.00 a month—\$75.00 a day—for Cancer, Heart Attack.** Your daily benefits are increased 50% if you or any covered family member is hospitalized for cancer (including leukemia or Hodgkin's disease) or heart attack (acute myocardial infarction).

**Pays you double benefits; \$6,000.00 a month—\$200.00 a day for you and your spouse.** Under the Husband-Wife or All-Family Plans, you'll collect double your regular benefits during the time you and your spouse are both in the hospital—due to the same or different accidents.

**Pays full benefits for all ages from the very first day.** You'll collect \$50-a-day cash benefits from the VERY FIRST DAY and for EVERY DAY you're hospitalized for a covered sickness or accident—regardless of age.

Since hospitals charge the same for all ages, we feel it's only right for everyone to collect the same benefits.

You'll find that many plans have reduced benefits for younger or older age groups. But your RE Group Hospital Plan has no reductions for anyone at any age—even after 65.

**Pays cash benefits directly to you—in addition to any other insurance.** You'll collect benefits over and above any other insurance—including major medical, workers' compensation—even Medicare.

And that's what makes your RE Group Hospital Plan so important because many health policies pay only 80% of your hospital bill. We'll send the check straight to you to spend as you wish—to help pay the hospital bills, or even household expenses. Of course, if you prefer, you can choose to send the benefits to your hospital or doctor. The choice is yours.

What's more, your benefits are not subject to state or federal income tax.

**You get lifetime coverage and benefits.** There is no limit to the number of days you can collect benefits. That means you're protected even if you're hospitalized for the rest of your life, so long as the Master Policy is in force.

You're covered in any hospital in the world, including federal and private hospitals as well. However, nursing homes and convalescent, extended care or self-care units of hospitals do not qualify.

**Up to \$10,000.00 cash benefits for Accidental Death or Dismemberment.** In addition to the hospital benefits provided, if you or a covered member is killed or injured in an accident, we will pay benefits in the following amounts. Of course, this is for covered accidents that happen while your certificate is in force.

**Loss of life, both arms, both legs, one arm and one leg, or sight in both eyes:**

<u>Insured</u>	<u>Spouse</u>	<u>Child</u>
\$10,000	\$10,000	\$2,000

**Loss of one arm, one leg or one eye:**

\$5,000	\$5,000	\$1,000
---------	---------	---------

**Pays maternity benefits, too.** You're covered for childbirth when pregnancy occurs anytime after your certificate is issued. And there's no added cost for this coverage!

**We can't cancel your protection or raise your rates individually.** You cannot be singled out for cancellation—no matter how old you become or how many claims you have.

What's more, we can never raise your rates unless we do so for all certificates like yours issued under this group plan. And—your rates will not change when you move from one age group to another—even if your health changes.

**Please note these limitations.** Half benefits are paid for the first 30 days' confinement due to mental illness.

Old health problems (those that became evident or were treated before the effective date of your certificate) are not covered for the first year of your certificate. But once that year is up, these pre-existing conditions are covered!

**You can't be turned down!** We guarantee to issue you a RE Group Hospital Plan regardless of your age, health or size of family. As soon as we receive your completed acceptance form, we will issue your certificate and put it in force. No salesman will call!

Your coverage begins immediately. There is no waiting period. Of course, we can issue only one certificate to you on a guaranteed issue basis.



**BEST—Pick the PLAN you need . . .**

### Individual Plan

Ideal for the single person . . . or for the individual family member who needs protection and wants separate insurance.

### Husband-Wife Plan

Designed for the married couple without children or whose children are grown.

Pays full benefits for both of you—no reductions for the spouse.

### One-Parent Family Plan

Created for the special needs of the single parent. Covers you and all eligible dependent children with full benefits for all.

### All-Family Plan

Offers protection for the entire family—father, mother and all eligible dependent children—with full benefits. Future additions to the family are covered automatically at no extra cost.

**Your certificate will come to you in this handsome vinyl document holder**

It's yours to keep even if you change your mind about your need for this extra protection. Compliments of your NRECA and Physicians Mutual Insurance Company



## NATIONAL RURAL ELECTRIC COOPERATIVE ASSOCIATION

NRECA represents some 1,000 rural electric cooperatives across the country who serve over 25 million consumer members, including you. We take that responsibility seriously. And we're committed to *earning* your satisfaction by offering only the **FINEST** products and services to our RE Members. So, when we heartily recommend the RE Members Group Hospital Plan, you can be assured that it is one of the **BEST** values in America.

*Robert D. Partridge*

Robert D. Partridge  
Executive Vice President  
National Rural Electric  
Cooperative Association

## PHYSICIANS MUTUAL INSURANCE COMPANY

Physicians Mutual has been awarded an A+ (Excellent) rating by A.M. Best, independent insurance analysts, on its financial stability and operating performance. Physicians Mutual paid benefits totaling over \$10,000,000 last year alone and is licensed in all 50 states and the District of Columbia.

## NOW choose the benefit OPTION you need . . .

Both options pay you cash benefits beginning the very first day you're hospitalized for a covered sickness or accident.

For either option, your first month's coverage costs only \$1.00. Check Option A or Option B and the Plan you've chosen on the Acceptance Form below . . . then mail it to Physicians Mutual with your \$1.00 today

### A \$1,500.00 a month \$50.00 a day

	MONTHLY PREMIUMS	
	Under 60	60 and Over
Individual Plan	\$15.35	\$23.35
Husband-Wife Plan	29.75	45.75
All-Family Plan	34.95	50.95
One-Parent Family Plan	20.55	28.55

(use age of principal insured)

### B \$900.00 a month \$30.00 a day

	MONTHLY PREMIUMS	
	Under 60	60 and Over
Individual Plan	\$ 9.95	\$14.95
Husband-Wife Plan	18.75	28.75
All-Family Plan	21.95	31.95
One-Parent Family Plan	13.15	18.15

(use age of principal insured)

**NOTE:** Your renewal rate does not increase and your benefits do not decrease as you move from one age group to another.

When your certificate arrives, you'll be given the opportunity to save 8 1/3% by paying your premiums once a year, instead of each month. If you choose to do so, you'll be getting 12 months for the price of 11!

### Questions?

Call your NRECA Customer Service Representative  
Toll-Free at Physicians Mutual—

**800-228-9100**

**EXTENDED HOURS:** Now open 8 a.m. to 8 p.m., Central Time, Monday through Friday.

**NOW**—just complete your guaranteed acceptance form below and mail with \$1.00 today to: Physicians Mutual Insurance Company, 42nd and Dodge, P.O. Box 3313, Omaha, Nebraska 68172. No salesman will call.

(cut on dotted line)



### GROUP HOSPITAL PLAN GUARANTEED ACCEPTANCE FORM

#### PLEASE CHECK PLAN PREFERRED:

- ☐ Individual Plan<sup>1</sup> ☐ All-Family Plan<sup>1</sup>  
☐ Husband-Wife Plan<sup>1</sup> ☐ One-Parent Family Plan<sup>2</sup>

If you select the All-Family or Husband-Wife Plan, please list name, date of birth and sex of your spouse below

#### PLEASE CHECK OPTION PREFERRED:

- ☐ **OPTION A** 35805-404  
Pays \$50.00 a day (\$1,500.00 a month)  
from the very first day  
for sickness or accident
- ☐ **OPTION B** 35805-403  
Pays \$30.00 a day (\$900.00 a month)  
from the very first day  
for sickness or accident

PLEASE PRINT			AGE	DATE OF BIRTH	SEX
First	Middle Initial	Last		Month Day Year	M F
INSURED'S NAME					
SPOUSE'S NAME					

ADDRESS \_\_\_\_\_ (Street) \_\_\_\_\_ (Apt. No.)

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

I enclose my first month's premium of \$1.00. I understand the certificate is not in force until issued and benefits will not be paid for old health problems unless confinement begins more than one year after the issue date.

DATE \_\_\_\_\_ SIGNED X \_\_\_\_\_  
Insured's Signature SIGN DO NOT PRINT

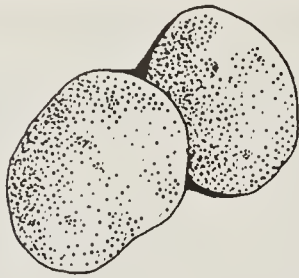
Please make check or money order payable to:

Physicians Mutual 42nd and Dodge P.O. Box 3313 Omaha, Nebraska 68172

E-400

404 403-425





# Dieting?

## Don't Rule Out Potatoes

Where is it written that every weight-reducing diet dish must be green and leafy? How about something that looks rich and filling, smells divine, and tastes like a mountain of calories to put punch into your regimen? Potato dishes can fill the bill.

It makes sense that the most nutritious, interesting, weight-reducing diet is the one with a variety of foods. And it's a fact that complex carbohydrates, including whole grain breads, beans and potatoes, can aid the dieter—because they're so filling and satisfying. Appetizing dishes made with potatoes will cut down on the temptation to "cheat" with fattening foods.

When it comes to figures, the unadorned, 5-ounce potato, baked in its skin, contains only 90 calories—about the same number as an apple. Potatoes grown in mineral-rich soil also offer good nutrition: about the same amount of vitamin C as in one-half cup of tomato juice; the same protein as half an egg; seven times the iron, the same thiamine and eight times the niacin in one cup of whole milk.

When considering dinner, try one of these savory recipes. Each offers less than 500 calories per generous serving.

### Chicken-Potato Stew

- 1 broiler-fryer (3 1/2 to 4 pounds)
- 2 chicken bouillon cubes
- 4 potatoes, well scrubbed
- 3 medium size onions, chopped (1 1/2 cups)
- 2 teaspoons dried leaf tarragon, crushed
- 4 carrots, sliced
- 1 bag (10 ounces) fresh spinach, washed and trimmed
- 1 1/2 cups skim milk
- 2 teaspoons salt
- 1/4 teaspoon hot pepper sauce

Place chicken in a large kettle; fill kettle half full with water. Add bouillon cubes, unpeeled potatoes, onion and tarragon. Cover kettle. Bring to boiling. Reduce heat simmer 30 minutes. When potatoes are tender, remove from kettle, peel and mash. Add carrots to kettle. Continue to cook 20 to 30 minutes longer, or until chicken and carrots are tender. Remove chicken from kettle, discard skin and cut meat from bones. Add mashed potatoes, chicken pieces, spinach, milk, salt and hot pepper sauce. Heat through, but do not overcook spinach. Yield: 6 servings. Approximately 434 calories per serving.

### Alturas Casserole

- 3 potatoes, cut in half crosswise
- 1 pound fresh or frozen fillets of sole, thawed
- 1 tablespoon lemon juice
- 1 teaspoon salt, divided
- 1 medium-size onion, sliced
- 1 medium-size red pepper, seeded and sliced
- 1 medium-size green pepper, seeded and sliced
- 1 large tomato, sliced
- 2 teaspoons butter or margarine
- 1/2 teaspoon white pepper
- Pimento slices for garnish

Cook potatoes, covered, in 1-inch boiling, salted water 20 to 25 minutes, until tender but not crumbly. Drain, peel and cut into 1/8-inch slices. Arrange fish fillets in single layer in shallow dish; sprinkle with lemon juice and 1/2 teaspoon salt, let stand 30 minutes. In a shallow 2-quart casserole, arrange a layer of sliced potatoes. Layer half the onions and pepper slices over potatoes. Place fish fillet over vegetables in a single layer, sprinkle with remaining 1/2 teaspoon salt and pepper. Repeat a layer of pepper and onion slices, sliced tomato and top casserole with remaining potatoes. Dot with butter. Bake in 250 degree oven 30 minutes. Yield: 4 servings. Approximately 340 calories per serving.

**DISH ANTENNA & DOWNCONVERTER RECEIVER 397**

New "Deep Dish Antenna" MDS complete receiving system ready for TV hookup  
All TV cables included

**Satellite TV, Inc.**

P.O. Box 3108, Dept. CC-10 Delray Beach, FL. 33447. Send your REFERENCE BOOK for \$11.95 plus \$2.95 shipping & insurance (U.S. funds) or call our 24-hour C.O.D. Order Line (305) 276-2941

**TOTAL PKG**



**Satellite TV**

**NEW! 4-ft. (48 INCH DISH) SATELLITE TV COMPLETE RECEIVING SYSTEM.**

**It's finally arrived. THE 4-FOOT COMPLETE HOME SATELLITE TV SYSTEM.**

**Antennas. Receivers. Sources. Photos.** Our BOOK takes the mystery out of satellite technology. The prestigious Mass. Inst. of Technology, U.S. Army, Navy and libraries worldwide have purchased our BOOK.



## EMC ANNUAL MEETINGS CALENDAR...



Date	Electric Membership Corporation	Time	Location
<b>Oct.</b>			
18	Lumbee River, Red Springs	Registration: 6 p.m.	Jones Health & Physical Education Center, Pembroke State University, Pembroke
21	Brunswick, Shallotte	Registration: 10:30 a.m.	Smith's Warehouse, Whiteville
22	Davidson, Lexington	Registration: 4:30 p.m.	Central Davidson High School, Lexington
29	Rutherford, Forest City	Registration: 10:00 a.m.	East Rutherford High School, Forest City
<b>Nov.</b>			
5	Tri-County, Dudley	Registration: 1:00 p.m.	Southern Wayne High School, Dudley
10	Pitt and Greene, Farmville	Registration: 1:00 p.m.	Farmville High School, Farmville

## COOPERATIVES

BUILDING A BETTER AMERICA



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# Spencer Shops: A Tribute To Transportation

A visitor glances around the room, his eyes brightening as he spies the 1918 horse-drawn mail buggy. His hand goes out to caress the restored vehicle.

"I'm glad to see this," he exclaims. "I used to ride on this buggy as a child when my father delivered the mail. I thought it was lost!"

The visitor, reminiscing among the exhibits at Spencer Shops State Historic Site, is only one of many who have close ties to the vehicles and artifacts in the new exhibit "People, Places and Times." The state historic site is near Salisbury, former location of the largest Southern railway

facility between Washington and Atlanta.

Another visitor proudly recalls that he and his two brothers have a total of 125 years service at Spencer — as engineers and conductor. They point proudly to their old uniforms and old photographs on display.

"You look a little different now,"

one teases the other.

The former employees' fondness for and pride in the restored facility is evident. They are ready and eager to explain the Spencer operations to the more than 200 visitors who tour the site each day.

"People, Places and Times," Spencer's first major exhibit, spans



A visitor listens as Ralph A. Bostian of Granite Quarry, right, points out details on the restored 1918 horse-drawn mail buggy he rode in as a child. His father delivered mail in Rowan County.



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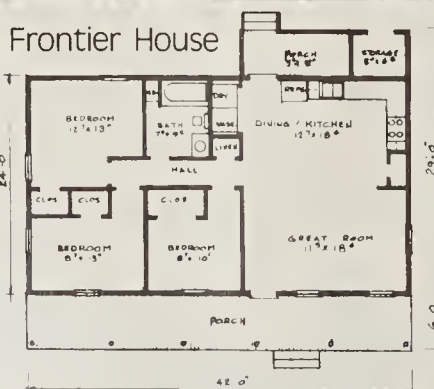
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transportation history in North Carolina from a prehistoric Indian canoe to a modern day airplane. The exhibit offers artifacts ranging from the Indian dugout to a Conestoga wagon, as well as such vehicles as a Model T Ford, a Model AA Ford and a restored 1935 highway patrol car. The vehicles are all North Carolina pieces — either manufactured or used in the state.

The 6,000-square-foot exhibit is the first in a planned series at Southern Railway's giant Spencer Shops. The complex includes a 37-bay roundhouse, a 600-foot-long "back shop" and nine other major buildings including the 76-year-old Master Mechanic's office, which houses the exhibits.

In 1977 and 1979, Southern Railway donated a total of 57 acres of land and the historic buildings to the people of North Carolina. The Historic Sites section of the Department of Cultural Resources then began turning the site into a center to chronicle the history of transportation in the Tar Heel state.

According to Gov. James B. Hunt Jr., the site is dedicated to "the thousands of North Carolinians who have devoted their minds, talents and often backbreaking labor to the development of transportation and transportation technology through the years in our state."

Spencer Shops began in 1896 when Southern Railway chose that site for its shops because of its location as the halfway point between Atlanta and Washington. By 1938, Spencer Shops was the largest facility in the Southern system, with more than 2,500 employees. Nearly all of the population of Spencer and nearby Salisbury was connected in some way to the railroad.

The shops hummed with activity when 100 steam locomotives could be serviced in a day, and the multiple track system could accomodate up to 265 cars at one time.

As diesel locomotives appeared, activity at the site waned and shops closed in 1960.

Today's visitors to the historic site can take a self-guided tour of the yards and view a slide show of the project in a Fruit Grower's Express refrigeration car. All kinds of transportation items are on display,

among them a private rail car named "Doris" built in 1917 by the Pullman Car Company for James Buchanan Duke, tobacco magnate and president of the Piedmont and Northern Railway Company. The car was used by Duke as his private conveyance until his death in 1925.

Spencer Shops State Historic Site, an agency of the Department of

Cultural Resources, is open Tuesday through Saturday, 9 a.m.—5 p.m.; Sunday 1-5 p.m. Admission is free.

Spencer Shops is located at 411 South Salisbury Avenue in Spencer (US 29-70), three miles off Interstate 85.

For more details, call Spencer Shops at (704) 636-2889; or (919) 733-7862 in Raleigh.

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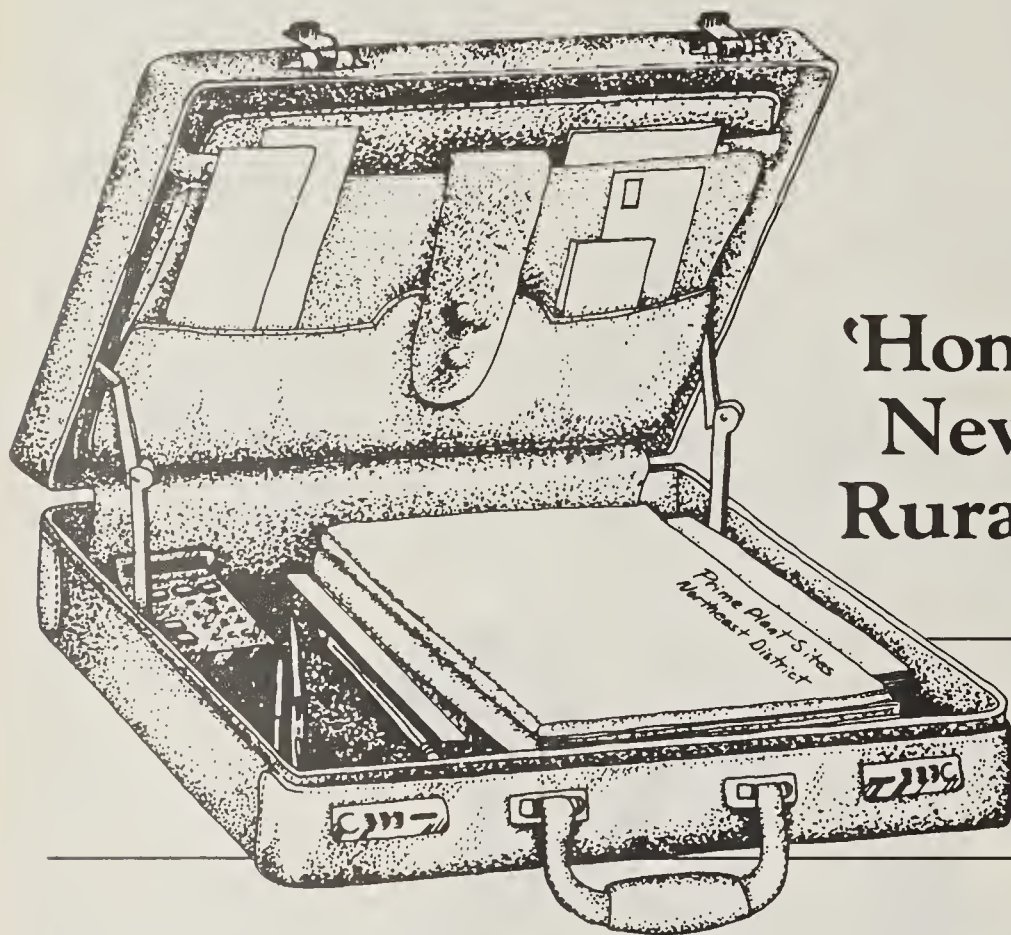
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# Co-ops Doing 'Homework' To Bring New Industries Into Rural North Carolina

## Economic Development PART 2 New Program Launched

**N**orth Carolina's electric cooperatives are stocking their attache cases with profiles of prime industrial sites as part of a new determination to become a visible force in the competitive bidding for major industrial plants.

They're doing this economic development "homework," so they can speak fluently with industry representatives about how much their territories have to offer.

The effort, according to officials of the Electric Membership Corporations, is aimed at improving the balance between residential and industrial services in co-op areas.

In the process, they said, this new program can provide an important boost for rural Tar Heel communities.

"Over the years, the co-ops in this state have been almost invisible to the companies that have come in shopping for plant sites—and we're trying to change that," said Jim Hubbard, executive vice-president of the EMCs' statewide organization.

"We're interested in seeing the co-ops and the rural areas they serve get a larger slice of this economic development pie. They obviously stand to gain by this. But we have a lot to offer the industries: good sites, competitive rates, dependable service—and an opportunity to immediately become part of these rural communities as members of the EMCs."

Adding industries to the EMCs' loads, Hubbard said, will bring improvements in those systems that will benefit their residential consumer-members as well.

"If the co-op has to upgrade a line out to serve a new industry, everybody along the way will see improved reliability of service."

In addition, serving an industry can help an EMC use its facilities more economically, allowing for a greater return on the heavy capital investment for them, he said, adding:

"When these systems, on the average, serve 6.5 consumers per mile of line, they have a limited revenue-producing base. Adding a new plant to that base helps to fill in the low points on their power 'demand' charts for more efficient operation."

In taking this approach, Hubbard emphasized, the EMCs are not turning their backs on the importance of energy conservation.

"These co-ops simply need to be selling more kilowatt hours of electricity than they are now selling. It's pure economics. But we're talking about selling energy out of a huge resource of coal in this country and a nearly unlimited nuclear power resource. It's not being wasteful of non-replenishable resources."

The EMCs began gearing up for some sort of economic development effort almost two years ago.

**A**fter studying various options, the EMC statewide organization launched its coordinated program in September, 1982, under the direction of William C. (Bud) Cohoon Jr.

A veteran of 10 years as an industrial development specialist with the state's Department of Commerce, he began working with a committee representing EMCs across the state to map detailed plans for the program.



Initially, he arranged a series of workshops for co-op personnel to help the EMCs prepare for higher visibility in economic development circles.

**W**hile the EMCs began surveying their territories' plant sites, Cohoon called on state and local economic development officials to make sure they no longer overlook EMC-served areas when they're wooing industrial prospects.

"We've made some real progress in this first year," said Cohoon. "I think our visibility has improved."

One of the biggest challenges he sees ahead is fine-tuning the EMCs' methods of evaluating industrial prospects.

"Each co-op must examine each prospect as to how it would affect that particular system. They have to look at the power requirements, of course, but they also need to consider the potential economic impact on the community.

"They might be working with an outfit that doesn't have ideal power requirements, but the plant would offer 200 new jobs. That must be a consideration, too, for the EMCs have a responsibility along that line as part of the communities they serve."

Still, the co-ops can't open their doors to just anything that comes along, Cohoon said.

"We have to be very selective in the kinds of industries we serve. Obviously there are risks involved in this; a co-op can overextend itself financially only to see the industry close down or move out in a few years. But we believe we can avoid these problems if we do our homework up front."

Cohoon's comments were seconded by the managers of two EMCs which have been active in industrial development work in the past.

Wayne Keller of Blue Ridge EMC, Lenoir, and Bob McDuffie of Randolph EMC, Asheboro, both said they welcomed the decision to launch a coordinated statewide program to attract industry.

"We felt from the first that a statewide effort would help us do our local program more efficiently," said Keller, who now plans to put even greater emphasis on doing the "homework" required to help draw higher-paying jobs to the mountain region.

McDuffie said he expects the program to pay off if the EMCs are willing to work at it—and do it with enthusiasm.

"I think it's going to work out well if we can get excited about it. It takes a lot of work and a lot of hustle," he said, noting that the pay-off may be slow in coming.

"It's going to take a little time to see results. It's a slow process."

**T**wo other EMC managers pointed out that the statewide program will make it possible for their systems to compete for new plants in a way that wouldn't be possible otherwise.

L. P. (Bill) Beverage, manager of Four County EMC, Burgaw, said "Four County alone cannot afford to have people out beating the bushes for industrial prospects."

But, through teamwork, the co-op may have a chance at some attractive plants, he said.

J. D. Patterson, manager of Pitt and Greene EMC,

Farmville, said he has "high hopes" that the statewide program can bring other co-op facilities similar to the egg production complex that's going up in Pitt and Greene territory near the Pitt County community of Roundtree. (See box)

"When it's completed, it'll be the largest single integrated operation of its type in the South," he pointed out.

**E**nticing plants of this sort into rural North Carolina can be a boon to the EMCs involved, Hubbard said, but it can mean even more to the communities they serve.

"The co-ops would be derelict if they didn't make an effort to improve the economy of the state's rural areas. Our per-capita income is still quite low despite the excellent industrial development program we've had.

"But we're serving about 60 percent of the state's land area and we can't just sit on our hands in regard to economic development, saying that's up to the governor.

"We have a great state and we share the responsibility for helping make it even better. We must be concerned about creating jobs, upgrading existing jobs and generally improving the economic base of the state. That's where our future is."

—Owen Bishop

### New Industries Sign On For EMC Service

Even as North Carolina's electric cooperatives were mapping their strategy for a coordinated effort to entice new industrial operations into their service areas, several industries were already making plans for facilities in those areas.

Plans for the AGA Gas air separation plant in Wake County, which will be served by Wake EMC, Wake Forest, were outlined in the September issue of *Carolina Country*.

Other plants which have signed on for EMC service are:

- Sunnyside Eggs Inc. is building an egg production complex near the Pitt County community of Roundtree which will be served by Pitt and Greene EMC, Farmville.

The \$8 million complex, scheduled to be fully completed in 1987, is planned to hold 1.2 million hens and produce 25 million dozen eggs each year at maximum production. The facility, which will have power requirements of 550 kilowatts, is expected to employ about 70 workers.

- Macclesfield Manufacturing Co., a textile operation employing 30-40 workers, is setting up shop in a former school building in Macclesfield. Edgecombe-Martin EMC, Tarboro, will provide the plant with its power requirements, which are estimated at 245 kilowatts.

- Chemical Specialties Inc. opened a plant in May employing eight workers to produce a wood preservative chemical used in treating lumber and utility poles. The plant, which is situated on Highway 561 north of Enfield, is served by Halifax EMC, Enfield.

See related story on Page 22



# Rural Areas Need Resources Inventory

How does a small town or rural community go about assessing its potential and planning for economic growth?

This can be a challenge for any community, says Paul S. Stone, extension economist in resource development, North Carolina State University.

He says communities "are faced with severe institutional limitations" in their capacity for long-term planning, financing and implementing economic development.

In a study published by NCSU's Department of Economics and Business, Stone offers suggestions to help communities deal with problems involved in long-range planning for economic growth.

One of the critically important issues, he says, is how to improve the educational levels and technical skills of the state's people.

"A broad-based, intensive educational and research program will be needed if North Carolina is to improve its competitive share of employment in the more rapid-growth, higher-paying economic sectors," Stone says.

A starting point for assessing a community's potential for economic growth, he says, is to determine the number, type and magnitude of economic activities that have located or expanded in the area in the past 10 to 15 years.

This will provide a perspective for the types of activities in which the area may have a comparative advantage and which may offer potential for growth.

An inventory should be made of the area's resources—labor, raw materials, water and other natural resources, community services, capital available, and transport facilities. Special attention should be given to resources unique to the area, the NCSU economist says.

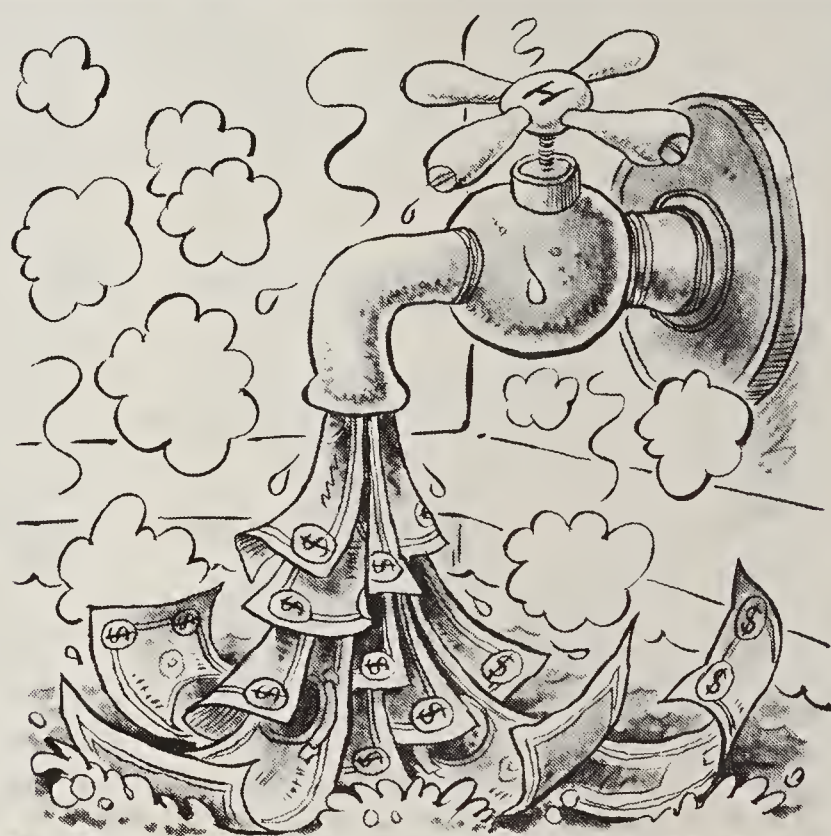
"Citizen involvement is one of the key ingredients in planning and

implementing an effective community development program," Stone says, adding that local leaders and citizens might be involved in establishing community goals, identifying and discussing problems and issues, and suggesting alternative solutions to the problems and issues identified.

The economist says there are numerous ways of involving local citizens in public policies and community affairs, including public

hearings, establishing task forces or advisory groups, working through established civic groups, and organizing or working through established voluntary community development groups.

"If citizens are encouraged and given an opportunity to participate in community planning and discussion of public issues, they will be more likely to support community development programs and assist in implementing them."



## TURN IT DOWN

It probably doesn't cross your mind when you open that hot water tap to do the dishes or to fill your bathtub, but 15% of all the energy used in your home goes for making that water hot.

One way to cut down on this cost is to turn down the thermostat of your water heater. 140° is plenty hot enough, even for dishwashers. And this lower setting will save you about 18% of your water heating bill.

We're All In This Together.





# A Love Affair With Barns

I once lived in a barn. It was when I was very young — all of one hot summer, while my family's new farmhouse was being built.

This wasn't one of those fancy barns made over into a house, but a real, unpainted, rough-timbered barn, which had been used to house sweet-smelling hay and not-so-sweet-smelling manure.

Baby calves had sheltered there in bad weather; old farm equipment had been stored in its depths. And I think that this summer of family intimacy and "camping out" fun must have started my love affair with barns.

I was one of those lucky kids who grew up on a family farm, an institution fast vanishing into America's history.

Our farm had four barns, of differing sizes and purposes. The most intriguing one had a loft. I loved climbing the ladder to that place of solitude; no one could see me, but I could look out for miles over fields and pastures, watching cows graze and dust clouds rise from cars traveling down a distant dirt road. The loft was a good place to go to nurse wounded feelings or to spy on my brothers and sisters.



**I once lived in a barn—  
a real, unpainted,  
rough-timbered barn,  
which had been used to  
house sweet-smelling  
hay and not-so-sweet-  
smelling manure**



If one of our hens disappeared for a few days, I could look in the barn to see if she had started a nest — usually in one of the feeding troughs. I

learned the hard way not to reach up and feel blindly for the hen or her eggs, for once my hand closed over the rough, cold skin of a chicken snake.

One very small barn behind our house was where my grandmother stored some of her belongings when she came to live with us for a while. For months, the little barn was kept locked. Then one day grandmother opened it and went inside to sort things out and throw some away.

I found her there later that day with tears streaming down her cheeks. She was holding my grandfather's "teaching suit."

Grandfather had been a young schoolteacher and artist, killed when his car went over the edge of a cliff in 1926. Left a widow with two young daughters, grandmother had never "looked at another man," as the ladies say, until a few months before the day I found her in the barn. Now she had found another man to love, and after 20 years she was putting her grief to rest. She burned all of grandfather's belongings, including his suit and the drawings and hand-lettered documents he had made.

When grandmother moved away, she did leave behind some of her own clothes, shoes and jewelry for me and my sister to play dress-up in.

So the little barn took on new associations; the two of us had some good times there despite the fact that the place and the clothes all smelled to high heaven from the cured hams that had been stored there at one time.

My other grandfather owned one of the biggest barns in the county. It had separate rooms, just like a house. In different rooms, an exploring child could find old furniture and clothes, potatoes, onions — and one lucky winter a room half-filled with the peanut crop. My cousins and I sat among the heaps of peanuts and shelled them for roasting and for

peanut brittle. We ate so many raw peanuts that nature repaid our gluttony and sent us all running to the outhouse or into the woods.



Barns took on another, rather gruesome function for hunters, who often dried the skins of their booty by stretching them on the outer walls. I used to see deer skins and raccoon pelts nailed to the back of Grandpa's barn.

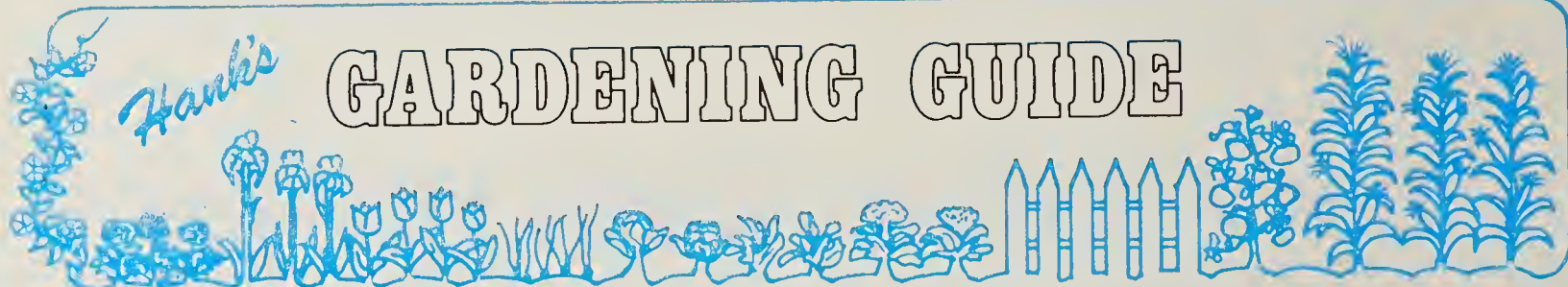
These grim trophies took on a special significance in my mind when I was just a little tyke, fascinated by a saying of my father's. When he'd made a wrong decision or spoken up when he should have stayed quiet, he'd say, "They're going to nail my hide to the barn door one of these days." I could visualize this possibility only too clearly, and I used to make regular checks of the barn doors to see if any human hides had been nailed up there.

Many of the barns I knew in my childhood have been torn down, but in my childhood memories they still stand, holding some of the most vivid images of my early years. And I still love a barn.

—Pat Allen Wilson  
Fayetteville



# Hank's GARDENING GUIDE



October marks the transition from summer to autumn. Cooler fall weather rivals spring for pleasant hours spent in the garden. In the higher elevations of the western part of the state, light frosts may occur the latter part of the month.

## Plant Selection

As you choose trees and shrubs to become permanent and stabilizing factors in your landscape, keep in mind the importance of year-around landscape interest.

It is wise not to select these plants on the basis of one-season-interest alone: Strive to have some plants that give autumn leaf color; select a few that bear colorful winter berries, as well as a few deciduous ones that have trunk and bark interest for winter. You'll want a selection of spring-flowering trees and shrubs, in addition to some sturdy evergreens. And, don't forget summer-flowering shrubs such as althea, crepe myrtle, and buddleia.

The well-planned landscape has something of interest in each of the four seasons. It is more than a mass of azalea color for 10-12 days in the spring.

Autumn is the time to go poking around nurseries and garden centers to discover new plants, gain fresh ideas, and to find exactly what is available for your yard's "show and feature" areas, as well as problem areas.

## If You're Pruning This Fall

All shrubs need training by pruning, even small plants. Better specimens are obtained by yearly tip-pruning to encourage compact growth.

If you're into pruning shears this fall, take care not to prune those shrubs that will bear next spring's flowers. Shrubs that bloom in the

spring should be pruned immediately after flowering. Many shrubs—such as forsythia, weigelia, lilac, azalea and rhododendron—produce flower buds in the summer previous to their next spring flowering.

Almost all spring-flowering shrubs bloom the following spring on wood that was formed the previous summer.

## Annual Bluegrass

Annual bluegrass (*Poa annua*) is a cool-season weed that shows up in lawns during cooler months of the year. When warm weather comes, it dies out, with resulting bare spots in the lawn.

The time to rid your lawn of this pest is in the fall. Very good control is obtained by applying pre-emergence herbicides before seed germination. These are available at all garden supply houses. You'll want to carefully follow directions on the label.

## Root-prune Wisteria



Wisteria vines that failed to bloom, or produced only a few flowers, will benefit from root-pruning at this time. This encourages

blooming next spring.

Cut through roots with a spade, making a circle 30-40" around the main trunk or stem. On old established plants, you may need to go as far as 50-60". Cutting roots stimulates wisteria, usually causing it to produce a quantity of flower buds.

Should you be planting wisteria, keep in mind that it is one of the most aggressive of vines. Plant away from plants that someday could be harmed by its ever-reaching and ever-choking branches. Large trees have been killed by wisteria over a period of time.

## Shrub Produces Surprising Fruit


It is not uncommon for Flowering (Japanese) Quince to produce fruit at this time of year. The fruit is more tart than domestic quince, and can be used for preserves. Some folks like to place a dish of the fruit in the house. They appreciate the pleasing aroma.

## Winter Storage Of Dusts And Sprays

The active gardening season is over. And those leftover dusts and sprays used to control insects and diseases this summer will not be needed until next year. All empty containers should be destroyed in a way that will prevent children and pets from getting to them.

Materials to be saved for next year should be gathered together in one large container. Mark it POISON, and store where it cannot be reached by children or pets.

## Look Ahead To Next Year

Now's an excellent time to attack the many insect and disease problems that could cause gardening troubles next year. Give your garden a thorough clean up now. Pull out any annuals that have completed their life-cycle, having gone to seed. Cut away  of all perennials. Remove debris from beneath all plants, including shrubbery beds, borders and hedges.

If you dig and divide perennials, carefully clean them to remove all dead leaves. Also, cut away any bruised, broken or diseased stems.

The best way to eliminate many insects in the soil is to plow the ground now and let it lie fallow all winter. Don't attempt to smooth the soil down to an even layer. Let soil lie rough so winter freezes can kill many insects exposed in the plowing. After fallowing the ground all winter, add fertilizer next spring before planting is done.



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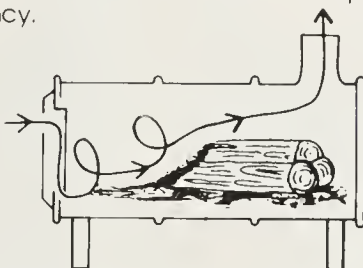
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## STARVING TERMITES

As an attorney I am a natural skeptic. While building my own passive solar house in La Grange, Kentucky, I did considerable research concerning wood stoves. After reading and studying all the information I could get my hands on, I determined that the Vermont Castings Defiant and the Franklin Scandia stove of the same design were the most efficient wood heaters on the market. I purchased a Scandia. I installed it, fired it up, and continued to shiver. It ate wood like a swarm of starving termites, and the only heat it seemed to generate was ... from my constant trips to the woodpile. After this \$441.00 mistake, I decided to risk \$50 on your double drum kit. The results are nothing short of amazing. Our owner-built house is 3700 square feet, and the Sotz stove in the basement, centrally located, easily heats the entire three story house using only about one-third of the wood previously used! The stove may not

be esthetically beautiful (according to my wife), but this is a case of "pretty is as pretty does". I also find that because of the double-drum configuration the flue temperature is considerably lower. About a month ago, faced with the necessity of splitting several cords of wood for the coming winter, and having had poor success with a regular maul and wedge, and preferring the easy way of doing things, I seriously considered a hydraulic splitter but decided to rely on your Monster maul advertisement, the truth of your advertising having been previously proven by your drum stove ads. I ordered the Monster Maul. You saved me several hundred dollars. I actually ENJOY using the monster Maul. You may now send me a set of your stove tools, poker, rake, etc. Below please find my home address and credit card number.

Konrad Poth, LaGrange KY  
"NO WEAR & TEAR"

It is now 1983 and my first letter to you

still holds true! I installed my Sotz heater in 1977 and now in 1983 I am still using the same barrel and the same kit parts with no sign of wear on either!! Please feel free to update my letter and use it in your advertising whenever you wish. Please accept my order for a 2-drum heater kit. I plan to install this heater in my parents' house and I am confident that they will have the same success with this new heater as I have had with mine. Again, I would like to thank you for making a fine product!

Paul Kuzman, Mars Hill, NC

## EXACTLY NOTHING

I put in one of your stoves last Fall in my basement. An old farm house that cost me \$1469 the previous year for gas. We have had an unusually mild winter so I can't compare it exactly. However, I have spent exactly nothing on gas this winter. It is fantastic.

Link Lincheski, Mazon, IL





## WASHINGTON SCENE

# Summer Drought: It's A Disaster For Both Farmers And Consumers

The American farmer is in trouble — probably the worst trouble he has been in since the 1930s.

At the Department of Agriculture, officials are saying that half the nation's corn crop is gone. The same is true of more than one-third of the soybean crop. Wheat and tobacco also have been heavily affected.

A large percentage of the farmland east of the Rocky Mountains has been seared by the sun as cooling western winds, which keep crops alive and healthy in summer, somehow went north to Canada this year and left American farmers with only hot days and little or no rain. Even the dew was missing.

It is possible that most of the farmers west of the Rockies will be eligible for emergency loans from the Farmers Home Administration, as they can earn that eligibility if their crop loss exceeds 30 percent.

Many farmers want more than loans. They feel that they are disaster victims and are entitled to the same sort of aid that is given areas hit by hurricanes or floods.

Not just the farmers will be affected.

Since the president has no veto power over the law of supply and demand, the prices of products that use corn, soybeans and wheat are going to be higher in the months ahead. Many farmers, having no grain to feed their livestock, are

selling cattle and hogs, insuring that meat will be scarcer, and cost more later.

There are some political problems for the Reagan administration in this situation and it is necessary to go back a bit to see why.



**Those who put all or most of their acres into PIK now find the grain they would have grown in a normal year waiting safely for them in government bins, while their neighbors who didn't participate have watched helplessly as the sun burned up their crops and hopes**



A tight money policy instituted by the Federal Reserve Board two years ago succeeded in bringing the inflation rate down sharply until now it hovers around three percent, a huge decrease from the double digit rate of three years ago. This helped trigger the deep recession, which in turn caused the unemployment rate to soar above

10 percent, leaving more than 10 million of Americans jobless. But the inflation rate came tumbling down.

Now, with higher prices sure to come in meat, poultry, cereal products and milk, plus hundreds of industrial products which contain corn, the inflation rate is certain to rise again, although economists differ as to how much.

And since the president, in his bid for re-election, will surely want to point to his success in bringing down inflation, his claims may have to be tempered a bit.

If interest rates go back up when the federal government starts borrowing to meet its huge 1983 budget deficit — now estimated at \$207 billion — then President Reagan may find himself defending his economic policies, rather than using them as an attack weapon to gain votes in the 1984 election.

Another likely casualty of this summer's weather is the "payment in kind" (PIK) program which the Department of Agriculture instituted this year.

This, of course, is the offer made to farmers to take part or all of their acres out of production this year, and accept as payment the amount of grain, from government stockpiles, they would have grown on those idled acres.

Farmers, feeling they were being offered a good bargain, signed up heavily in the PIK program. Thirty percent of the corn crop, for instance, went unplanted.

Congress did not have to approve the PIK program, since it was started by executive order. Even so, members of North Carolina's delegation were hesitant to express their views at the time it was instituted.

Rep. Walter Jones' terse remark, "I hope it works", seemed to express the viewpoint of other Tar Heel members.

Given the drought, it is doubtful just how much corn the idled land would have produced, but it added to the shortfall because it helped cut into surplus stocks.

Now, the future of PIK seems much in doubt.

Rep. Cooper Evans (R-Iowa)



doesn't believe that there will be any PIK offer on corn next year. "By fall," he said recently, "the government's corn bins will be empty, market prices will be up and farmers will be gearing for full production in 1984."

That may be good news for corn growers in Iowa and Kansas, if they survive this year's disaster, but not to the housewife who shops the supermarket for her family's meat, cereal, chickens and milk.

She is going to find these things cost more.

And even without the drought, PIK had some other problems that the president's opponents will surely try to exploit.

It is no secret that Democrats hope to make an issue in 1984 of what they call "fairness."

The Democrats think that the administration is vulnerable on the issue of favoring the rich over the poor, pointing to the tax cuts, which are more beneficial to those in the higher brackets and deregulation policies, which help big business.

In the PIK program, some feel they have found a telling point. Records at the Department of Agriculture revealed that many industrial giants have collected huge amounts of grain under the program.

Shell Oil, Tenneco, Superior Oil and Chevron, all of whom operate large farms in California, each collected more than a million dollars under the program, and they did it legally.

But if some large companies benefitted under the program, so did many fortunate farmers.

Those who put all or most of their acres into PIK now find the grain they would have grown in a normal year waiting safely for them in government bins, while their neighbors who didn't participate have watched helplessly as the sun burned up their crops and hopes.

The hot summer, however, has made PIK look like a bad investment. It cost the U.S. Treasury \$9 billion to operate PIK this year.

Nature accomplished the same thing and did it for nothing.

# Tar Heel Farm Losses May Be More Than \$300 Million

North Carolina farmers, while not hurt as badly as those in Iowa and Nebraska, have been severely damaged by the summer weather.

Some estimates put losses in the state at more than the \$300 million mark—and they may go much higher than that.

This has prompted calls by North Carolina congressmen for federal aid to ease the burden.

Rep. Tim Valentine of the Second District summed up the Tar Heel delegation's feelings.

"I feel," he said, "that many will find it difficult to continue farming unless they receive help soon."

Valentine attended a meeting in Chicago in September at which representatives of 29 states which were hit by the severe drought gathered to tell U.S. Secretary of Agriculture John Block about their plight.

Block promised to give priority to loans through the Farmers Home Administration but many came away dissatisfied.

Texas Agriculture Commissioner Jim Hightower was one.

"They treated us," he said after the meeting, "like you grow soybeans—keep them in the dark and cover them with manure."



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There's an office near you. Call or come by today and talk loans for vegetable production with people who speak your language.

**FARMING**  
spoken here<sup>SM</sup>



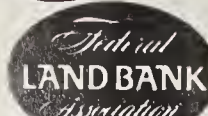
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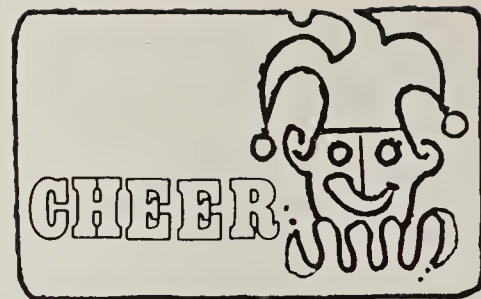
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"Did you hear the one about the cannibal who was expelled from school when they caught him buttering up the teacher?"

.....

A little girl at school ran up to her teacher sobbing bitterly. "What in the world is the matter, Mary?" asked the concerned teacher.

"I don't like school and I just found out that I have to stay here until I'm 18."

"Don't let that worry you," said the teacher. "I have to stay here until I'm 65."

.....

The young wife smiled at her husband. "You sent me three beautiful roses today, Bill, and I did appreciate the thought," she said, "but was there any special reason for sending three of them?"

"There certainly was, my dear," her husband answered. "Twelve of them cost \$40."

.....

A wife called her husband at work and said, "On your way home, would you mind dropping in at the Longhorn Restaurant?"

"Okay," he said, "what do you want me to pick up?"

"Me," she said, "I'm meeting you there for dinner."

.....

Doctor: "Well, you're certainly much better than I thought you would be!"

Patient: "That's because I followed the directions on the bottle of medicine you gave me."

Doctor: "Undoubtedly. What were they?"

Patient: "Keep bottle tightly corked at all times."

Carolina Country October 1983



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## MONSTER TALES

Have been as busy as a fox in a hen house with your Monster Maul. Have been splitting tough red elm which could be some of Minnesota's toughest wood. Can now split without a crew. The winter of '78 and '79 sold 300 loads with a pickup truck. Come May, 1983, I will be 74 years old and enjoy splitting with the Monster Maul. Have been heating our home with wood the last three winters. Do like to heat with wood it is such a welcome heat. The good thing about this Maul, you can stand it on end and will stay upright. My good friend "Leonard" may you find a bass under every lily pad.

Math Reimer, Long Lake, MN

### THE TOY

A few weeks ago I ordered a Monster maul from an ad in the "The American Rifleman". Your sales person said I could expect delivery in 10 to 14 working days. Eight days later my maul was on my doorstep. Like any kid with a new toy, I went out and started to play. The previous weekend I had cut a load of oak which was waiting to be split with my sledge and wedges. The maul was so effective I put everything else away after the first evening. Since then I have been touting your product to all my friends and relations. Tonight, as a result of my experiences, I ordered two more "monsters", a "lady's" maul, as well as a "Lift N Saw" for myself. I find it very pleasant to purchase a product that I can recommend to my family and friends without reservation.

Charles Mayer, Ridgecrest, CA

### TIME WILL TELL

Thank you for the reprint from "Yankee" with my letter of testimony for the Monster Maul. An elderly lady called us one evening a few weeks ago, and asked if I had written a letter to Sotz about the maul, and if I thought it was as good as I said in my letter. I told her it was even better than that...one of those rare products that does more, not less, as time goes along. Well, that was nice...she said...and added, "Which maul do you think I should buy? The Monster Maul or smaller one, I am 76 years old." It stopped me cold. I finally explained to her that I didn't think the Monster Maul suitable for someone not in good health and reasonably strong. "Oh!" she said..."It's not for me...my nephew will be using it. He is a big strapping man." We settled on the "big" version.

Dan Gayman, Kent, WA

### "BEAMING"

Two years ago I ordered my husband a Sotz Maul. We threw away the wooden handled maul, wedges, etc., and he "beamed" everytime he raised the Sotz and sent a blow splitting the toughest pitch log! He likes it so much he wants a back-up, just in case! Thank you for a quality product and for the unique "lower price"! Those two factors have sold another Sotz Maul.

Margaret E. Dejmek, Edgemont, SD

### LIVING IT UP!

At last a company whose product lives up to its advertising! I've put up close to seven cord of wood this fall using your Monster Maul. No more broken handles or stuck wedges. Thanks for a quality product at a fair price.

R. Woods, Bolle, ID





### Pursuit of Success: A Process of Growth

Most commencement speeches are worthy of note only in terms of how long they force the eager graduates to sit in bored silence before they're presented with their diplomas.

I can't imagine that having applied to the remarks of Charlotte Mayor Pro Tem Harvey Gantt when he addressed graduates of East Mecklenburg High School last June. I wasn't there for the ceremony, but in reading the text I found myself marking a number of points he'd made.

Gantt, an architect who is now making a second bid for election as mayor of the Queen City after several terms on the City Council, urged the graduating seniors to "get into the practice of liking yourself as a person."

Being comfortable with one's self, he said, "has everything to do with understanding your relationship to your Creator, and in discovering the fact that you are indeed unique and special." In addition, "being happy with who you are encourages individualism and inspires creativity."

He added: "If I like myself, I am more likely to seek ways to build bridges of understanding rather than to build walls of division and mistrust."

Gantt also emphasized the need for setting goals as a means of fueling the drive for achievement.

Even so, reaching that goal will require "single-minded dedication" and "a willingness to work hard to

achieve excellence." Striving to excell is vital, he said because "half-way efforts produce half-way results, and thus produce half-way rewards."

In addition, resilience and flexibility may be needed in pursuing success.

"Don't be easily discouraged, but be prepared to change course or abandon your goal . . . Search for a new beginning and start over."

In the pursuit of success, Gantt said "If you are dedicated, sincere and secure in your person, you will discover that the pursuit is really a growth process—a kind of maturing.

"The real success is the inspired realization that the things that count are priceless—the ability to love, the eloquence of truth, the joy of sharing, the wonderful capacity of mankind to do good, and the sense of peace and serenity that comes when you find harmony with nature and God."

In closing, Gantt challenged the graduates to keep some sense of perspective on achieving success for "self confidence and successful achievement have no ultimate meaning if mankind cannot benefit."

Dedication to seeking a goal, he said, should not require declaring "a moratorium from community involvement . . . Each one of you should be registered to vote—for that is the only real way to participate in the American public forum.

"But political participation is only one dimension of community involvement . . . (which) is really a recognition of how much we need one another . . . We all share the basic needs for love, kindness and charity. And these are 'commodities' that can only be given by human beings relating to each other, be they young or old, rich or poor, black or white.

"So give back some time in meaningful community activity. Serve in your church, join a civic club, lend a helping hand to someone less fortunate, or give time to your country or local government . . . If you will

commit to giving of yourself through service to others, you will know real self-fulfillment, and our society will become that much more civilized."

### P.S. On "Prairie Home Companion" Network

One of our readers wrote to say our item here last month on the national public radio show, "Prairie Home Companion," failed to mention one of the stations that beams the program to many North Carolina listeners.

Walter D. Tatem of Rt. 1, Hobbsville in Gates County, wrote saying he listens to the show every Saturday on the Norfolk station, WHRO-FM, 89.5.

"There may be more Virginia stations which carry the program; I mention this one because it's the only station I can pick up to hear the program."

Thanks to Mr. Tatem, perhaps other readers in his area will now have an opportunity to tune in for the weekly reports on the infamous Lake Wobegon, where "all the women are beautiful, all the men are strong and all the children are above average."

### It Says Here . . .

You know you're getting older when:

- The gleam in your eyes is from the sun hitting your bifocals.

- You get winded from playing checkers.

- Your little black book contains only names ending in M.D.

- You decide to procrastinate, but then you never get around to it.

- You look forward to a dull evening.

- Your knees buckle and your belt won't.

- You tell someone you're having an affair and they ask who's catering it.

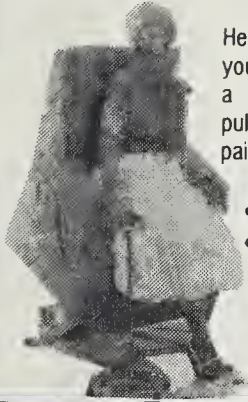
—Owen Bishop



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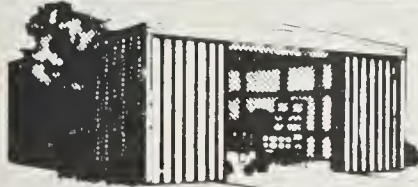
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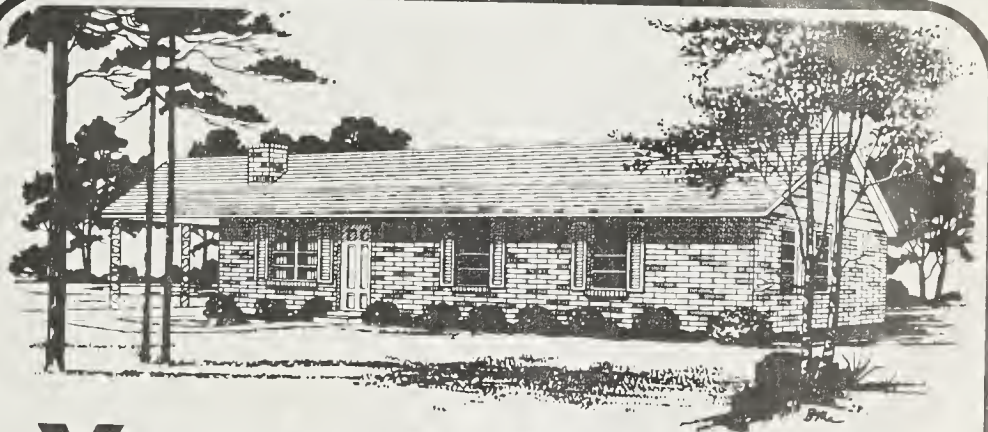


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**DAYLILIES** (Hemerocallis). As many as 50 blooms per stem. Mixed colors of pink, yellow, orange, gold, red, etc. 3 for \$3.98.

**DUTCH HYACINTHS** Delightful fragrance, unique shade. Pastel mixed colors. Imported from Holland, (5½" circ.), 3 for \$1.95.

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	200	Cushion Mums (10 for \$1.98 - 20 for \$3.85)	

<input type="checkbox"/> Remittance enclosed, plus \$1.50 towards postage and handling. Ship postpaid.	<b>TOTAL</b>	\$
<input type="checkbox"/> Bill on my credit card, plus \$1.50 postage and handling. Ship postpaid. Indicate below which credit card you wish to be billed on, credit card number, and expiration date.		\$ 1.50
<input type="checkbox"/> MasterCard <input type="checkbox"/> Visa <input type="checkbox"/> American Express	<b>GRAND TOTAL</b>	\$

Credit Card # \_\_\_\_\_

Exp. Date \_\_\_\_\_